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## Short Report on the Archeological Investigations for the City of Domino's Proposed New Water Treatment Plant, Cass County, Texas

Josh Haefner

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## Short Report on the Archeological Investigations for the City of Domino's Proposed New Water Treatment Plant, Cass County, Texas

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**SHORT REPORT ON THE  
ARCHEOLOGICAL INVESTIGATIONS FOR THE CITY OF  
DOMINO'S PROPOSED NEW WATER TREATMENT PLANT,  
CASS COUNTY, TEXAS**

Principal Investigator:  
Josh Haefner

Written by:  
Josh Haefner

Antiquities Permit #7275

Submitted to:  
Greater Texoma Utility Authority and the City of Domino

Hicks & Company Archeology Series #269

June 2015



## TABLE OF CONTENTS

<b>PROJECT DESCRIPTION AND MANAGEMENT SUMMARY .....</b>	<b>1</b>
<b>ENVIRONMENTAL SETTING .....</b>	<b>5</b>
Physiography .....	5
Geology and Soils .....	5
<b>METHODOLOGY .....</b>	<b>9</b>
Previous Investigations .....	9
Field Methodology .....	9
<b>RESULTS OF FIELD INVESTIGATIONS .....</b>	<b>13</b>
<b>CONCLUSIONS AND RECOMMENDATIONS.....</b>	<b>19</b>
<b>REFERENCES CITED.....</b>	<b>21</b>

## LIST OF FIGURES

Figure 1	Project Location .....	3
Figure 2	Project Area Geology .....	7
Figure 3	Previous Sites and Surveys .....	11
Figure 4	Overview of Northern Boundary of Project Area Facing South from FM 3129.....	13
Figure 5	Overview of Inundated Area, Typical of Project Area, Facing Northeast from STJH11.....	14
Figure 6	Overview of Tributary Drainage of Baker Creek Facing Southeast from STJH4.....	14
Figure 7	Shovel Test Locations.....	17

## LIST OF TABLES

Table 1:	Shovel Test Data .....	15
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## LIST OF APPENDICES

Appendix A	Regulatory Correspondence
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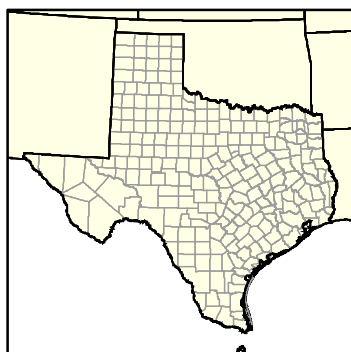
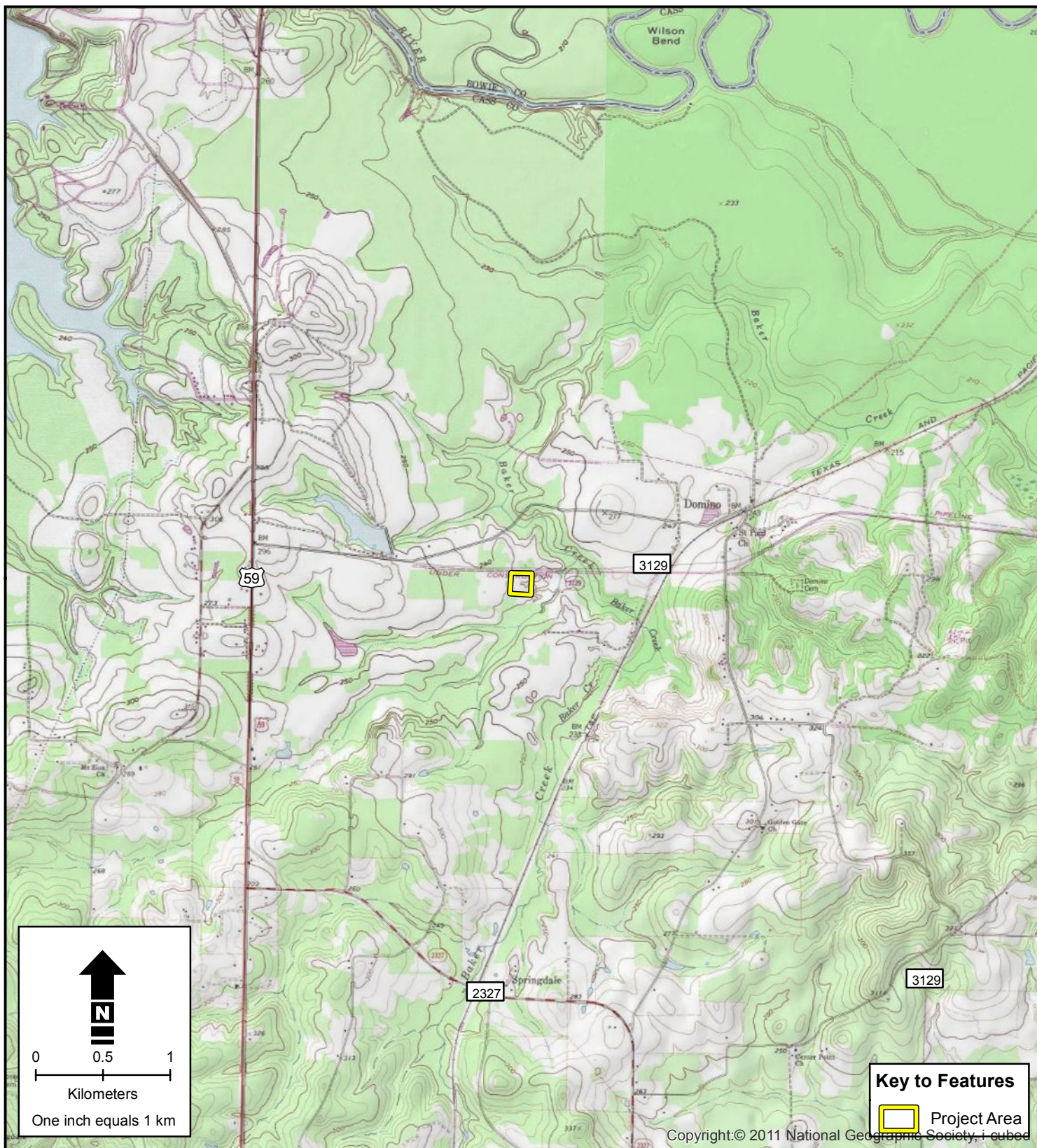
## **PROJECT DESCRIPTION AND MANAGEMENT SUMMARY**

In May of 2015, on behalf of the Greater Texoma Utility Authority (GTUA) and the City of Domino (the City), Hicks & Company conducted an intensive archeological survey for the new wastewater treatment plant facility to be located just south of Farm-to-Market Road (FM) 3129, approximately 2,010 meters east of Domino in Cass County, Texas. The purpose of the proposed project is to upgrade current wastewater facilities, with the new treatment plant servicing up to 25,000 gallons of water per day as delivered by planned new sewer line. The City has received funding for the proposed project through a 2014 Texas Capital Fund Grant provided by the Texas Department of Agriculture, Office of Rural Affairs for Infrastructure Improvements, necessitating compliance with the Antiquities Code of Texas (ACT) and coordination with the Texas Historical Commission (THC). During initial review of the proposed project, the THC noted that the proposed project was located within a previously unsurveyed area with favorable conditions for past human habitation that warranted intensive archeological survey prior to construction (See **Appendix A**: letter Martin to Linendoll, March 11, 2015). Following this recommendation, Hicks & Company was contracted by GrantWorks, Incorporated, on behalf of the GTUA and the City, to continue coordination with the THC and conduct the archeological survey. The proposed project was coordinated THC under Antiquities Permit #7275.

Totalling approximately six field hours, investigations for the archeological survey were conducted on May 28, 2015 and consisted of a pedestrian survey of the entire project area, approximately 6.0 acres in size, supplemented with 13 shovel tests, all of which were negative for cultural materials. No artifactual materials greater than 50 years in age, features, or archeological sites were encountered during this investigation. Based on the results of the current survey, it is recommended that no archeological historic properties (36 CFR 800.16(1)) or State Antiquities Landmarks (SALs) (13 TAC 26.12) will be affected by the proposed project and no further archeological investigations are recommended prior to construction. In the event that unanticipated archeological deposits are encountered during construction, work in the immediate area will cease and THC archeological staff will be contacted to initiate post-review discovery procedures. Josh Haefner was the Principal Investigator for this project, performing field work and authoring the report. All project notes, forms, drawings, and photographs will be curated at the Center for Archaeological Studies (CAS) in San Marcos, Texas. This report is offered in partial fulfillment of Antiquities Permit #7275.

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**Figure 1**  
Project Location

USGS 7.5-minute Topographic Quadrangles:  
Wright Patman Lake (USGS# 33094-C2), TX



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## **ENVIRONMENTAL SETTING**

### **Physiography**

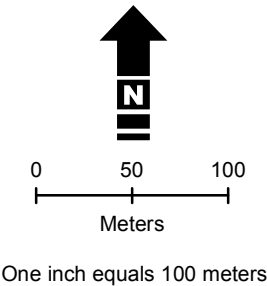
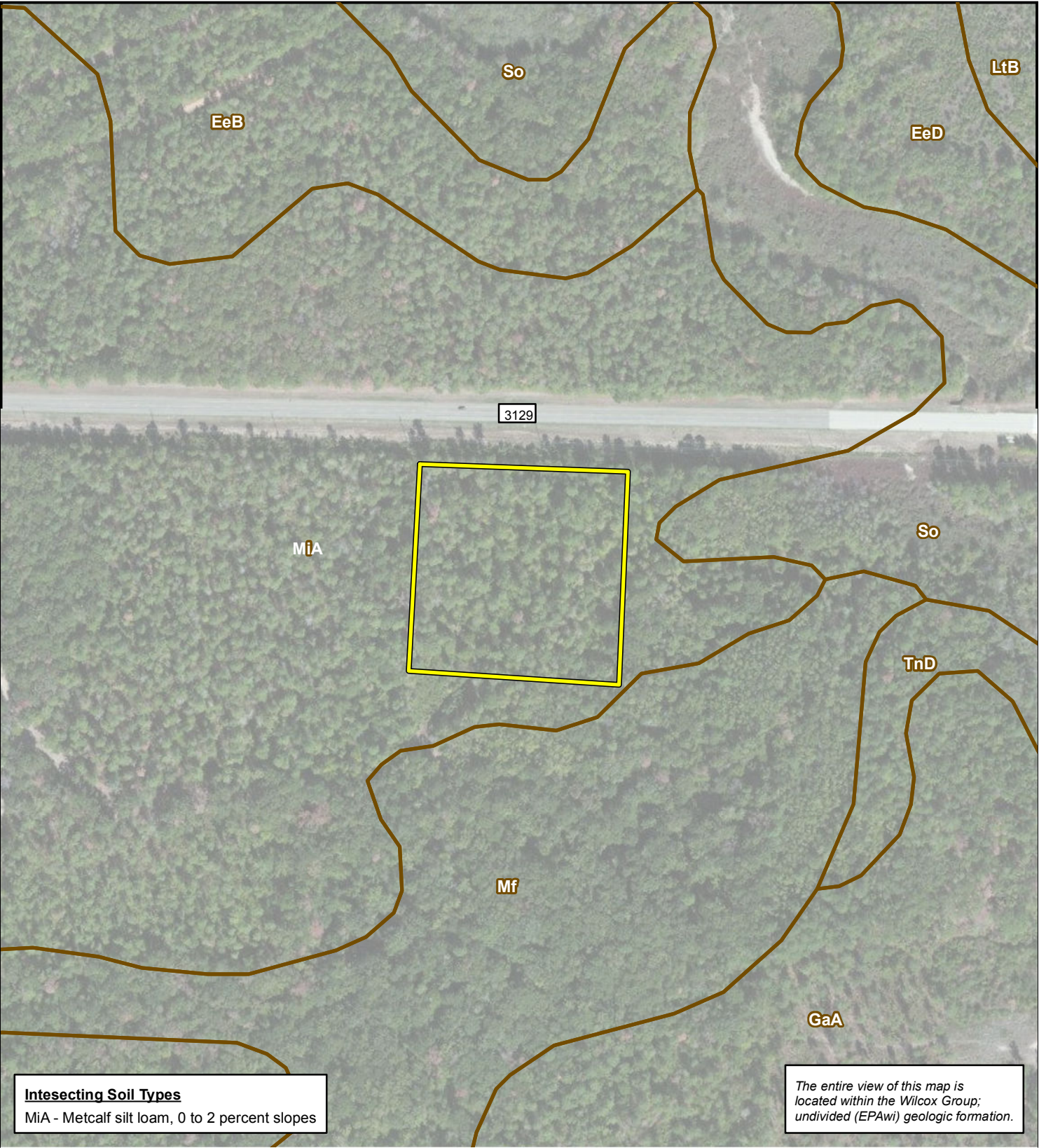
The proposed project area is located in the East Texas Piney Woods. This area is characterized by rolling hills that are dissected by numerous drainage courses with broad flat floodplains. The wider region is drained by several well-developed creek systems that flow generally north-northeast in the Red River Basin to the north and south-southeast in the Sabine River Basin to the south. Within the immediate area of the proposed project, the landform slopes slightly southeast towards a tributary drainage of Baker Creek. The project area is dominated by a thick stand of pine trees, a component of the widespread Piney Woods region.

### **Geology and Soils**

According to the Geologic Atlas of Texas, Texarkana Sheet, the underlying geology of the proposed project area consists of the Wilcox Group, undivided formation (Barnes 2007). Dating to the Eocene, which long predates human arrival in the Americas, cultural deposits in such mapped areas can be expected to be contained within overlying soils/sediment or the surface itself. A single soil series, the Metcalf silt loam, 0 to 2 percent slopes, is mapped for the project area (USDA NRCS 2015b). This series typically has shallow A horizons with Bt clay horizons typically occurring between 4 and 75 centimeters below the ground surface (USDA NRCS 2015a).



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**Figure 2**  
Geology and Soils within Project Area

**Key to Features**

-  Project Area
-  Soil Type Boundaries

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## METHODOLOGY

During initial consultation between the GTUA, the City, the Texas Commission on Environmental Quality – Water Quality Division, and the THC it was noted that the “proposed project area has never been formally surveyed” and that the proposed location “is situated in a topographic location with moderate to high potential for the presence of previously unrecorded cultural resources” which warranted survey before initiation of construction (See **Appendix A:** letter Martin to Linendoll, March 11, 2015). In preparation for survey, Hicks & Company staff conducted background research utilizing the THC’s Archeological Sites Atlas (the Atlas) online database in order to identify previous cultural resources survey efforts and determine locations of cultural resources within the vicinity of the proposed project.

### Previous Investigations

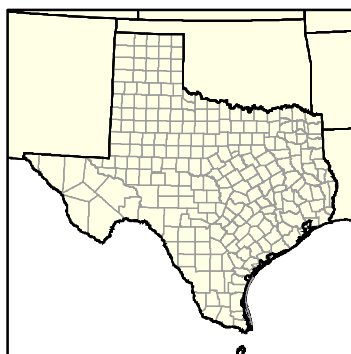
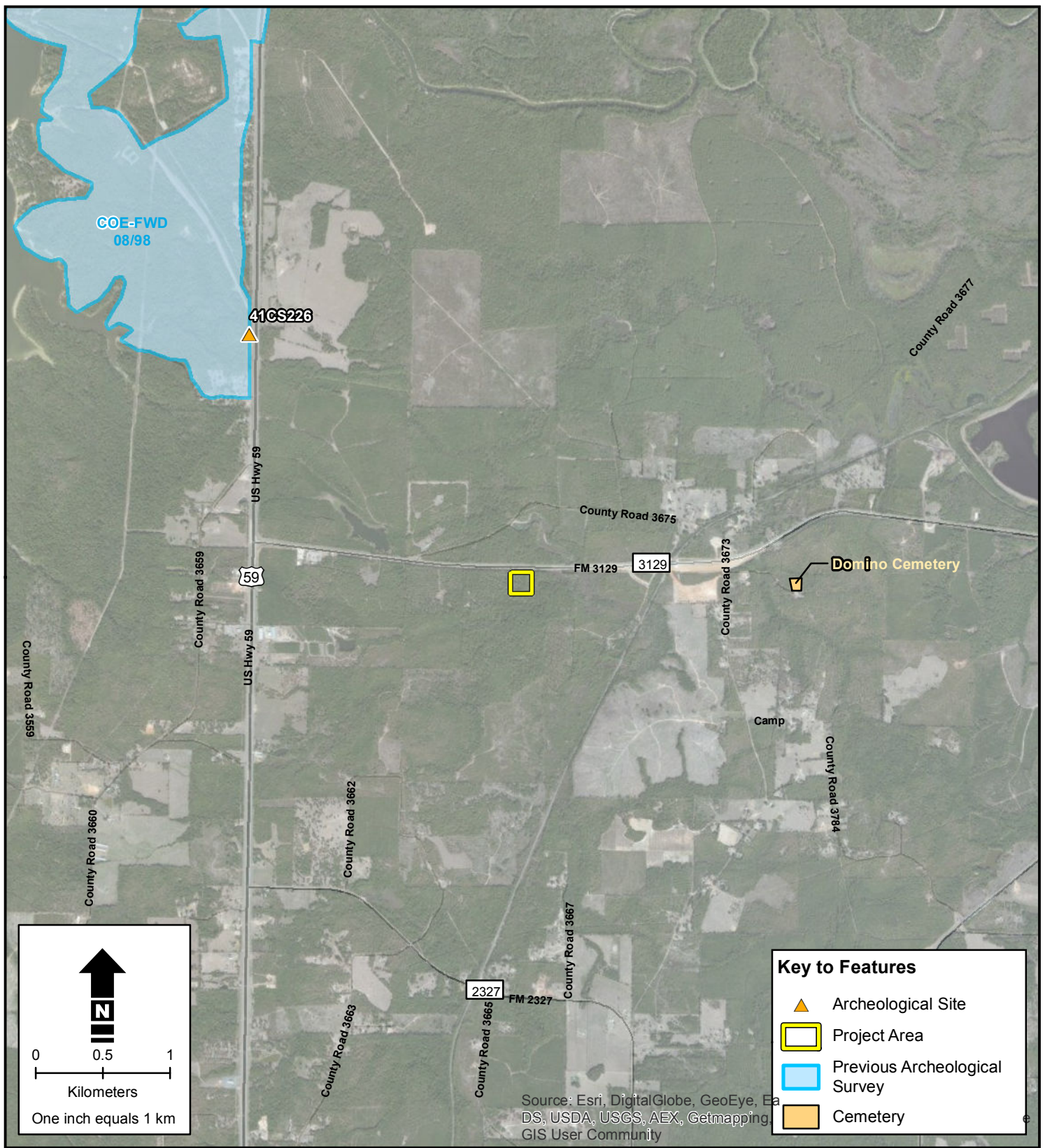
According to the Atlas, no survey-level investigations had been previously conducted within the immediate area, with the nearest documented archeological survey located approximately 2,300 meters to the northwest. This survey of the perimeter of Wright Patman Lake was conducted by the United States Army Corps of Engineers (USACE) in 1998. The nearest recorded cultural resource is Domino Cemetery, also known as the Albert Richie Cemetery. Predominantly comprised of African-American graves, this cemetery was created between 1865 and 1900 from land donated by Albert Richie, a one-time slave who acquired land in the area following the Civil War (Find a Grave 2015). Located approximately 2500 meters northwest of the proposed project area, the nearest recorded archeological site, recorded during the above-noted USACE survey, is Site 41CS226. Other than noting that this site dates to the historic-period and is considered ineligible for listing on the National Register of Historic Places or as a SAL, no data is available for this site on the Atlas (THC 2015b).

### Field Methodology

During the field investigations, a Hicks & Company archeologist traversed the entirety of the project area, surveying and shovel testing along the perimeter before traversing the area east to west in transects spaced 20 to 30 meters apart. A total of 13 shovel tests were excavated during the survey, slightly exceeding the requisite amount of shovel tests for projects this size (2 per acre). Shovel testing intervals conformed to the minimum standards outlined by the THC and the Council of Texas Archeologists’ practices and procedures (13 TAC 26.5 and 26.20) (THC 2015a). Subsurface test locations were recorded using GPS technology with sub-meter accuracy. No standing structures of historic age were noted within or adjacent to the project area. Hence, photo-documentation of these resources is not a component of this report.

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**Figure 3**  
Previously Conducted Investigations &  
Recorded Cultural Resources



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## **RESULTS OF FIELD INVESTIGATIONS**

On May 28, 2015 an archeologist from Hicks & Company conducted an intensive aerial survey of the proposed location of the City of Domino's Water Treatment Plant, an area approximately six acres in size. During survey it was noted that the project area is thickly vegetated with pine trees with an understory comprised mainly of greenbriar and various ivies with a forest floor covered with heavy leaf-litter and intermittent pockets of standing water, a result of recent torrential rains (**Figures 4 and 5**). Due to these conditions, ground surface visibility was minimal, never more than five percent at any one location. The southeast corner of the project area is immediately adjacent to an unnamed tributary of Baker Creek. During survey, this drainage was experiencing overbank flooding with much of the immediate area inundated (**Figure 6**).



**Figure 4:** Overview of Northern Boundary of Project Area Facing South from FM 3129.





**Figure 5:** Overview of Inundated Area, Typical of Project Area, Facing Northeast from STJH11.



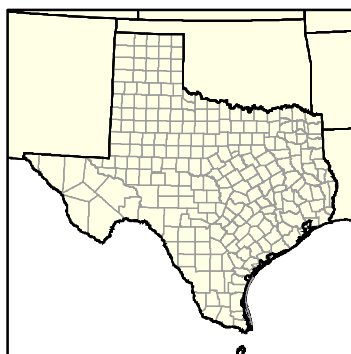
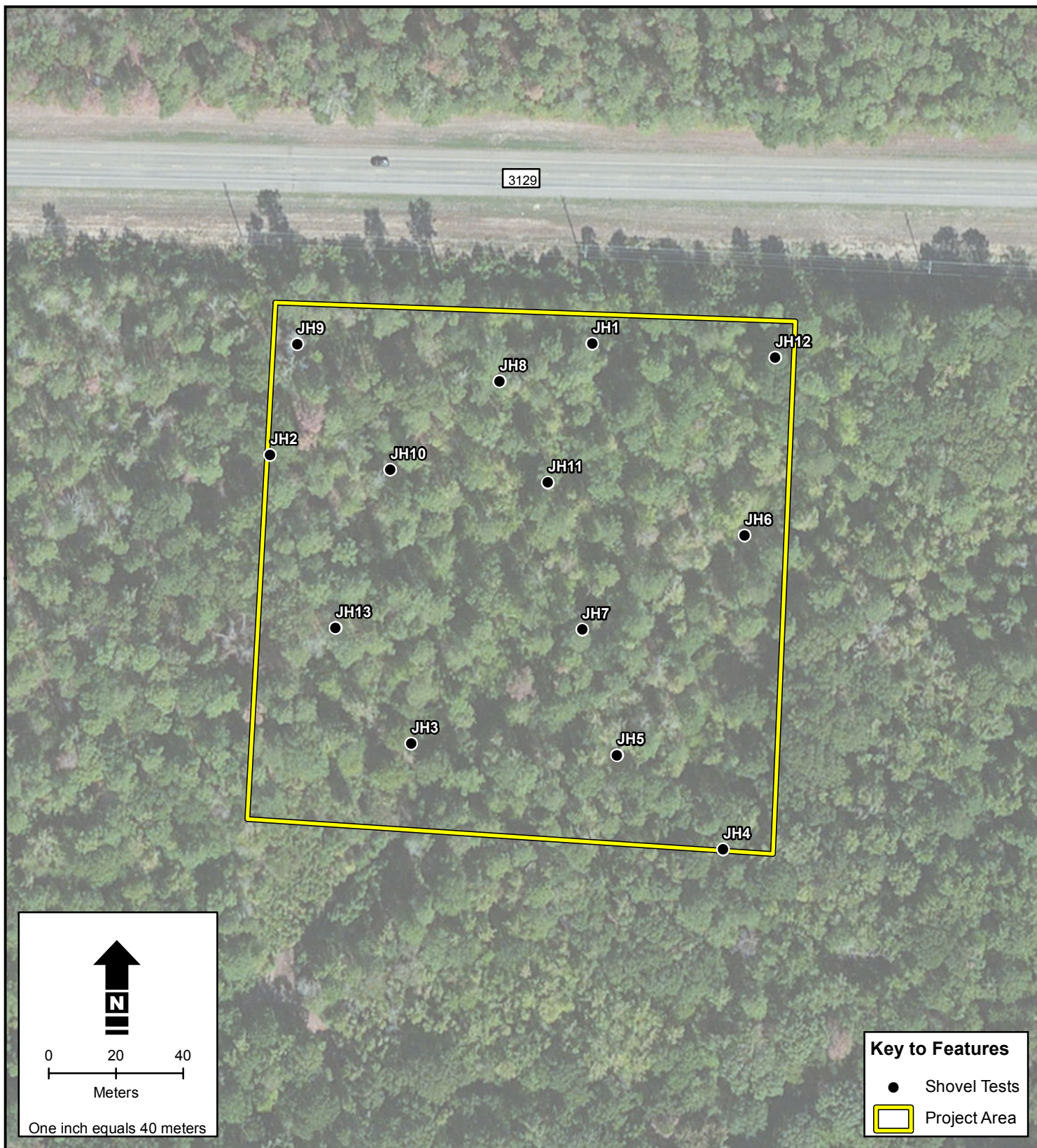
**Figure 6:** Overview of Tributary Drainage of Baker Creek Facing Southeast from STJH4.

Shovel testing of the project area noted homogenous sediment that was similar in texture, hue, and chroma to that described for Metcalf silt loam (NRCS 2015). In general, these excavations noted upper strata of highly silicated silt that ranged in color from light yellowish brown (10YR 6/4) to brown (7.5YR 5/4). Strata below the first were noted to be silt loams with increasing clay content that ranged in color from yellowish brown (10YR 5/6) to brown (7.5YR 4/4 - 7.5YR 5/3). When tests were not impended by the water table or thick pine roots, gray (10YR 6/1) and yellowish red (5YR 5/6) Bt-horizon clays were encountered at depths between 50 and 70 centimeters below the ground surface (cmbs). During the investigation, a total of 13 shovel tests were excavated with all negative for the presence of cultural materials. Data for all shovel tests is presented below in **Table 1**.

Table 1: Shovel Test Data.							
Shovel Test	Level	Depth (cmbs)	P=Pos N=Neg	Munsell	Soil Texture Description	Inclusions	Notes
JH1	1	0-30	N	7.5YR 5/4	Silt Loam	Rootlets	
JH1	2	30-40	N	7.5YR 5/3	Loam		Water table encountered at 40 cmbs.
JH2	1	0-20	N	7.5YR 5/4	Silt Loam	Rootlets	
JH2	2	20-30	N	7.4YR 5/3	Clay Loam		Water table encountered at 30 cmbs.
JH3	1	0-40	N	7.5YR 4/6	Silt	Rootlets	
JH3	2	40-50	N	5YR 4/6	Silt Loam		Increasing clay content.
JH3	3	40+	N	10YR 6/1	Silt Clay		High clay content. ST terminated w/in Bt horizon clay.
JH4	1	0-20	N	10YR 6/4	Silt Loam	Rootlets	Very moist sediment.
JH4	2	20-55	N	10YR 5/6	Silt Loam		Water seepage begins at 50 cmbs.
JH4	3	55-60	N	10YR 6/1	Clay		ST terminated at 60 cmbs within Bt horizon clay.
JH5	1	0-20	N	10YR 6/4	Silt Loam	Rootlets	Very moist sediment.
JH5	2	20-55	N	10YR 5/6	Silt Loam		
JH5	3	55-60	N	10YR 6/1	Clay		ST terminated at 60 cmbs within Bt horizon clay.
JH6	1	0-40	N	10YR 6/4	Silt Loam	Rootlets	Very moist sediment.
JH6	2	40-50	N	7.5YR 5/3	Silt Clay Loam		High clay content. ST terminated at thick pine root.
JH7	1	0-30	N	7.5YR 4/6	Silt Loam	High silicates	Inundated area- water table encountered at 20 cmbs.
JH8	1	0-40	N	7.5YR 5/4	Silt Loam	Rootlets	
JH8	2	40-60	N	10YR 5/6	Silt Loam		Increasing clay content.
JH8	1	60-70	N	10YR 6/2	Clay		ST terminated at 70 cmbs within BT horizon clay.
JH9	1	0-30	N	7.5YR 5/4	Silt Loam	Rootlets	
JH9	2	30-65	N	7.5YR 5/3	Loam		Increasing clay content.
JH9	3	65-75	N	5YR 4/4	Clay		ST terminated at 75 cmbs within BT horizon clay.
JH10	1	0-20	N	7.5YR 5/4	Silt Loam	Rootlets	Very moist sediment.
JH10	2	20-40	N	7.5YR 5/3	Silt Clay Loam		ST terminated below water table at 35 cmbs.
JH11	1	0-48	N	7.5YR 5/4	Silt Loam	Rootlets	ST terminated at thick pine root.
JH12	1	0-45	N	10YR 6/4	Clay	Rootlets	
JH12	2	45-62	N	7.5YR 5/3	Silt Clay Loam		
JH12	3	62-72	N	10YR 6/2	Clay		Shovel test terminated at 72 cmbs @ Bt horizon clay.
JH13	1	0-40	N	7.5YR 4/6	Silt	Rootlets	
JH13	2	40-60	N	5YR 4/6	Silt Loam		
JH13	3	60-70	N	10YR 6/2	Clay		ST terminated at 70 cmbs within Bt horizon clay.

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**Figure 7**  
Shovel Test Locations



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## **CONCLUSIONS AND RECOMMENDATIONS**

Pedestrian survey and shovel testing of the proposed location for the City of Domino's Water Treatment Facility Plant project revealed no archeological sites, features, or cultural materials greater than 50 years in age. Based on the results of the current survey, it is recommended that no SALs (13 TAC 26.12) will be affected by the proposed project and no further cultural resource investigations are recommended for the proposed project area prior to construction. In the event that unanticipated archeological deposits are encountered during construction, work in the immediate area will cease and THC archeological staff will be contacted to initiate post-review discovery procedures. Hicks & Company offers this draft report in partial fulfillment of Antiquities Permit #7275. No cultural materials were collected during the survey. All project related forms, notes, and photographs will be permanently curated at CAS in San Marcos, Texas.

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## REFERENCES CITED

Bureau of Economic Geology (BEG)

2007 *Geologic Map Database of Texas*. <http://pubs.usgs.gov/ds/2005/170/> (May 15, 2015).

Texas Historical Commission (THC)

2012a Texas Administrative Code (TAC), Chapter 26: Rules of Practice and Procedure for the Antiquities Code of Texas.

[http://info.sos.state.tx.us/pls/pub/readtac\\$ext.ViewTAC?tac\\_view=4&ti=13&pt=2&ch=26&rl=Y](http://info.sos.state.tx.us/pls/pub/readtac$ext.ViewTAC?tac_view=4&ti=13&pt=2&ch=26&rl=Y) (June 2, 2015).

2015b Texas Archeological Sites Atlas (the Atlas), <http://nueces.thc.state.tx.us/> (March 13, 2015).

Find a Grave

2015 Albert Richie Cemetery, <http://www.findagrave.com/cgi-bin/fg.cgi?page=cr&CRid=3265> (June 8, 2015).

United States Department of Agriculture: Natural Resource Conservations Service (USDA NRCS))

2015a Metcalf Silt Loam, <https://soilseries.sc.egov.usda.gov/osdname.asp> (June 5, 2015).

United States Department of Agriculture, Natural Resources Conservation Service (USDA NRCS)

2015b Soil Survey Geographic (SSURGO) database for Cass County, Texas. <http://SoilDataMart.nrcs.usda.gov/> (March 13, 2015).

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**APPENDIX A**

**REGULATORY CORRESPONDENCE**



# TEXAS HISTORICAL COMMISSION

*real places telling real stories*

March 11, 2015

Chris Linendoll  
TCEQ  
Water Quality Division MC-148  
P.O. Box 13087  
Austin, TX 78711-3087

Re: Project review under the Antiquities Code of Texas: City of Domino SPIF 15332001

Dear Mr. Linendoll:

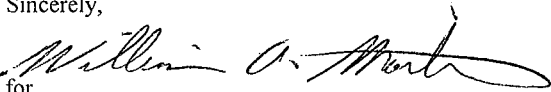
Thank you for your correspondence describing the above referenced project. This letter serves as comment on the proposed project from the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission.

The review staff, led by Kerry Nichols, has reviewed your letter and examined our maps. Our records indicate that the proposed project area has never been formally surveyed by a professional archeologist and is situated in a topographic location with moderate to high potential for the presence of previously unrecorded cultural resources. The project location on elevated ground at the confluence of multiple drainages would have made it ideal for past human occupation. There are also known archeological sites located nearby in similar physiographic settings.

Therefore, we request that a professional archeologist conduct an intensive pedestrian survey of the entire project area. The work should meet the minimum archeological survey standards posted on-line at [www.thc.state.tx.us](http://www.thc.state.tx.us). A report of investigations should be produced in conformance with the Council of Texas Archeologists Report Guidelines and submitted to this office for review. In addition, any buildings 50 years old or older that are located on or adjacent to the tract should be documented with photographs and included in the report. You may obtain lists of most professional archeologists in Texas on-line at: [www.c-tx-arch.org](http://www.c-tx-arch.org) or [www.rpanet.org](http://www.rpanet.org). Please note that other potentially qualified archeologists not included on these lists may be used. We look forward to receiving an unbound copy of the final report along with a tagged PDF of the report. Shape files showing the boundaries of the project area and the areas actually surveyed should be submitted via email to [archeological\\_projects@thc.state.tx.us](mailto:archeological_projects@thc.state.tx.us)

Thank you for your cooperation in this state review process, and for your efforts to preserve the irreplaceable heritage of Texas. **If we may be of further assistance, please call Kerry Nichols of our staff at 512/463-6508.**

Sincerely,



for  
Mark Wolfe, State Historic Preservation Officer

MW/kn

cc: Dan Boyles



# ANTIQUITIES PERMIT APPLICATION FORM

## ARCHEOLOGY

### GENERAL INFORMATION

#### I. PROPERTY TYPE AND LOCATION

Project Name (and/or Site Trinomial) City of Domino Water Treatment Plant  
County (ies) Knox County  
USGS Quadrangle Name and Number Wright Patman Lake (33094-C2)  
UTM Coordinates Zone 15  
Centroid: E 3964629 N 3680784  
Location Just west of the City of Domino off of FM 3129.  
Federal Involvement Yes: No ☒ XX  
Name of Federal Agency \_\_\_\_\_ Agency Representative \_\_\_\_\_

#### II. OWNER (OR CONTROLLING AGENCY)

Owner City of Domino  
Representative Mayor Alfred Campbell  
Address City of Domino  
14555 FM 3129  
City/State/Zip Domino, TX 75572  
Telephone (include area code) \_\_\_\_\_ Email Address [albdcampbell@hotmail.com](mailto:albdcampbell@hotmail.com)

#### III. PROJECT SPONSOR (IF DIFFERENT FROM OWNER)

Sponsor \_\_\_\_\_  
Representative \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_  
Telephone (include area code) \_\_\_\_\_ Email Address \_\_\_\_\_

### PROJECT INFORMATION

#### I. PRINCIPAL INVESTIGATOR (ARCHEOLOGIST)

Name Josh Haefner  
Affiliation Hicks & Company  
Address 1504 W. 5<sup>th</sup> Street  
City/State/Zip Austin, Tx. 78703  
Telephone (include area code) 512-478-0858 Email Address jhaefner@hicksenv.com



## II. PROJECT DESCRIPTION

### III. CURATION & REPORT

#### IV. LAND OWNER'S CERTIFICATION

## V. SPONSOR'S CERTIFICATION

## VI. INVESTIGATOR'S CERTIFICATION

Principal Investigator must attach a research design, a copy of the USGS quadrangle showing project boundaries, and any additional pertinent information. Curriculum vita must be on file with the Division of Antiquities Protection.

Reviewer \_\_\_\_\_ Date Permit Issues \_\_\_\_\_  
 Permit Number \_\_\_\_\_ Permit Expiration Date \_\_\_\_\_  
 Type of Permit \_\_\_\_\_ Date Received for Data Entry \_\_\_\_\_



**Hicks & Company's Scope of Work  
for the  
City of Domino's Water Treatment Plant Project  
Cass County, Texas  
May 4, 2015**

Pursuant to the Texas Historical Commission's (THC) recommendation regarding the Greater Texoma Utility Authority (GTUA) and City of Domino's compliance responsibilities (**Attachment 1:** letter, Wolfe to Linendoll, March 11, 2015), this scope of work describes an archeological resources survey for the **City of Domino's Water Treatment Plant Project in Rio Hike and Bike Trail Improvements Project** in Cass County, Texas. The proposed project consists of the construction of a new water treatment plant on a parcel approximately six acres in size (**Attachment 2: Project Location**). During review of the proposed project, the THC noted that this parcel has never before been surveyed and is located within an area determined to have good probability to contain archeological deposits, requiring archeological survey for Antiquities Code of Texas (ACT) compliance.

According to the Geologic Atlas of Texas, Texarkana Sheet, the underlying geology of the proposed project areas consists of the Wilcox Group, undivided formation (Barnes 1979). Dating the Eocene, which long predates human arrival in the Americas, cultural deposits in such mapped areas can be expected to be contained to overlying surface soils/sediment or the surface itself. A single soil series, the Metcalf silt loam, 0 to 2 percent slopes, is mapped for the project area. This series typically has shallow A horizons with Bt clay horizons typically occurring between 4 and 75 centimeters below the ground surface.

Because there is limited potential for deeply buried archeological deposits, Hicks & Company is proposing pedestrian survey, supplemented with shovel testing, as a sufficient methodology to assess the proposed project's potential to impact archeological resources/sites. The project area will be tested at a rate of no less than 12 subsurface tests (2 per acre), in accordance with the THC's minimum standards for intensive areal survey. Investigators will record their observations and the results of shovel tests through notes, standardized shovel test forms, and photographs. Shovel tests will be excavated to a depth of one meter or bedrock and sediment from all shovel tests will be screened

through ¼-inch hardware cloth. Shovel test locations will be recorded utilizing GPS technology. The survey will follow a no-collection policy in which artifacts will be recorded, identified, and quantified in the field but returned to their find location.

Any archeological sites identified during the survey will be investigated by no fewer than six shovel tests in order to define site boundaries relative to the project area. Identified sites will be recorded in accordance with the THC's standards for site investigation. Subsurface tests within sites will be excavated at a frequency and arrangement appropriate for assessing site size, depth, and significance. Site locations will be recorded utilizing GPS technology, and data will be recorded on standardized forms. Documented sites will be recorded at the Texas Archeological Research Laboratory (TARL) and new trinomials will be assigned.

The results of the investigation will be compiled into a professional report as required under Chapter 26 of the THC's Rules of Practice and Procedure. The report will include a summary of background information, results of field investigations, and recommendations about the need for further investigations (if any) with respect to both historic and prehistoric sites and will be submitted to THC for review and comment. In accordance with revised ACT requirements, hard copies and digital files of the final report will be submitted to the THC and other recommended libraries and repositories across Texas. Additionally, all project-generated forms, notes, photographs, etc. will be formally curated at the Center for Archeological Studies in San Marcos, Texas.

## REFERENCES

Barnes, V. E.

1979 *Geologic Atlas of Texas, Texarkana Sheet*. Bureau of Economic Geology, the University of Texas at Austin.

United States Department of Agriculture (USDA)

2015 Web Soil Survey, <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>, accessed May 4, 2015

## **ATTACHMENTS**

# TEXAS HISTORICAL COMMISSION

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March 11, 2015

Chris Linendoll  
TCEQ  
Water Quality Division MC-148  
P.O. Box 13087  
Austin, TX 78711-3087

Re: Project review under the Antiquities Code of Texas: City of Domino SPIF 15332001

Dear Mr. Linendoll:

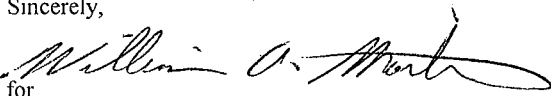
Thank you for your correspondence describing the above referenced project. This letter serves as comment on the proposed project from the State Historic Preservation Officer, the Executive Director of the Texas Historical Commission.

The review staff, led by Kerry Nichols, has reviewed your letter and examined our maps. Our records indicate that the proposed project area has never been formally surveyed by a professional archeologist and is situated in a topographic location with moderate to high potential for the presence of previously unrecorded cultural resources. The project location on elevated ground at the confluence of multiple drainages would have made it ideal for past human occupation. There are also known archeological sites located nearby in similar physiographic settings.

Therefore, we request that a professional archeologist conduct an intensive pedestrian survey of the entire project area. The work should meet the minimum archeological survey standards posted on-line at [www.thc.state.tx.us](http://www.thc.state.tx.us). A report of investigations should be produced in conformance with the Council of Texas Archeologists Report Guidelines and submitted to this office for review. In addition, any buildings 50 years old or older that are located on or adjacent to the tract should be documented with photographs and included in the report. You may obtain lists of most professional archeologists in Texas on-line at: [www.c-tx-arch.org](http://www.c-tx-arch.org) or [www.rpanet.org](http://www.rpanet.org). Please note that other potentially qualified archeologists not included on these lists may be used. We look forward to receiving an unbound copy of the final report along with a tagged PDF of the report. Shape files showing the boundaries of the project area and the areas actually surveyed should be submitted via email to [archeological\\_projects@thc.state.tx.us](mailto:archeological_projects@thc.state.tx.us)

Thank you for your cooperation in this state review process, and for your efforts to preserve the irreplaceable heritage of Texas. **If we may be of further assistance, please call Kerry Nichols of our staff at 512/463-6508.**

Sincerely,



for  
Mark Wolfe, State Historic Preservation Officer

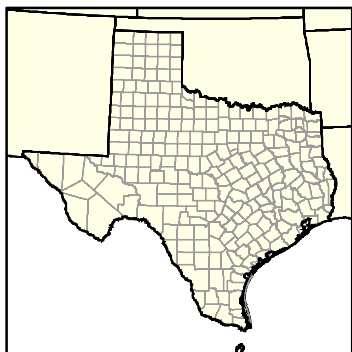
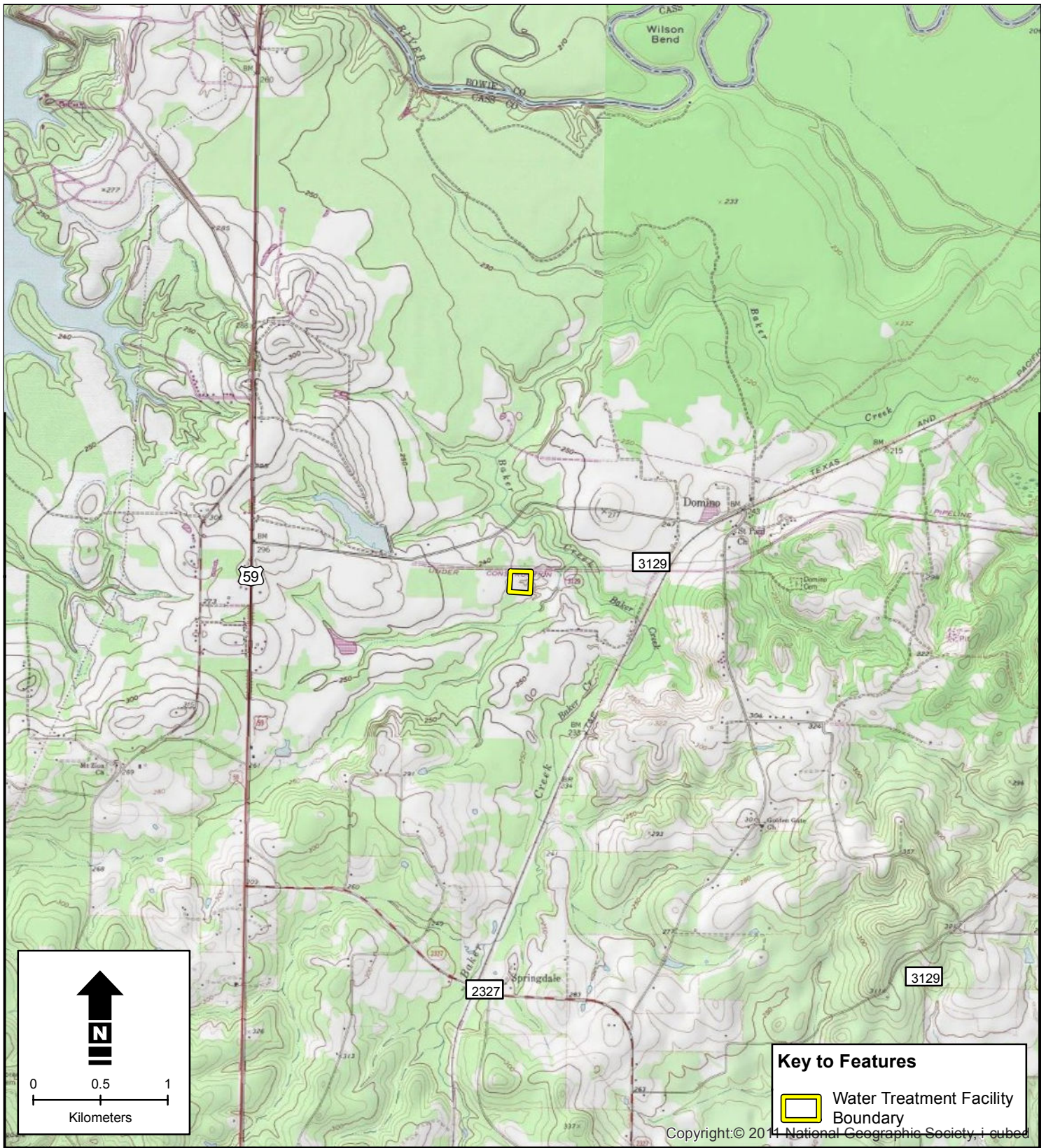
MW/kn

cc: Dan Boyles









## Attachment 2 Project Location

City of Domino Archeological Services

USGS 7.5-minute Topographic Quadrangles:  
Wright Patman Lake (USGS# 33094-C2), TX





TEXAS HISTORICAL COMMISSION

*real places telling real stories*

MAY 20 2015

May 14, 2015

Josh Haefner  
Hicks and Company  
1504 West 5<sup>th</sup> Street  
Austin, TX 78703

Re: Project review under the Antiquities Code of Texas  
City of Domino Water Treatment Plant, Cass County, Texas  
Texas Antiquities Permit Application #7275

Dear Colleague:

Thank you for your Antiquities Permit Application for the above referenced project. This letter presents the final copy of the permit application from the Executive Director of the Texas Historical Commission (THC), the state agency responsible for administering the Antiquities Code of Texas.

Please keep this copy for your records. The Antiquities Permit investigations requires the production and submittal of one printed copy of the final report, a completed abstract form submitted via our online system, two copies of the final report on a tagged PDF CD (one with site location information & one without), and verification that any artifacts recovered and records produced during the investigations are curated at the repository listed in the permit. The abstract form maybe submitted via the THC website ([www.thc.state.tx.us](http://www.thc.state.tx.us)) or use url: <http://xapps.thc.state.tx.us/Abstract/login.aspx> Additionally, you must send the THC shapefiles showing the boundaries of the project area and the areas actually surveyed via email to [archeological\\_projects@thc.state.tx.us](mailto:archeological_projects@thc.state.tx.us).

If you have any questions concerning this permit or if we can be of further assistance, please contact Lillie Thompson at 512/463-1858. The reviewer for this project is Kerry Nichols, 512/463-6096.

Sincerely,



for  
Mark Wolfe  
Executive Director

MW/lft

Enclosures

Cc: Mayor Alfred Campbell, City of Domino



*State of Texas*  
**TEXAS ANTIQUITIES COMMITTEE**

**ARCHEOLOGY PERMIT # 7275**

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*This permit is issued by the Texas Historical Commission, hereafter referred to as the Commission, represented herein by and through its duly authorized and empowered representatives. The Commission, under authority of the Texas Natural Resources Code, Title 9, Chapter 191, and subject to the conditions hereinafter set forth, grants this permit for:*

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**Intensive Survey**

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*To be performed on a potential or designated landmark or other public land known as:*

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**Title: City of Domino Water Treatment Plant**

**County: Cass**

**Location: Just west of the City of Domino off of FM 3129**

---

*Owned or Controlled by: (hereafter known as the Permittee):*

---

**City of Domino**

**14555 FM 3129**

**Domino, TX 75572**

---

*Sponsored by (hereafter known as the Sponsor)*

---

**City of Domino**

**14555 FM 3129**

**Domino, TX 75572**

---

*The Principal Investigator/Investigation Firm representing the Owner or Sponsor is:*

---

**Josh Haefner**

**Hicks and Company**

**1504 West 5th Street**

**Austin, TX 78703**

---

*This permit is to be in effect for a period of:*

---

**2 Years and 0 Months**

---

*and Will Expire on:*

---

**05/12/2017**

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*During the preservation, analysis, and preparation of a final report or until further notice by the Commission, artifacts, field notes, and other data gathered during the investigation will be kept temporarily at:*

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**Hicks and Company**

---

*Upon completion of the final permit report, the same artifacts, field notes, and other data will be placed in a permanent curatorial repository at:*

---

**University of Texas at San Antonio, CAR**

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*Scope of Work under this permit shall consist of:*

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**An intensive pedestrian archaeological survey with shovel testing of high probability areas that meets or exceeds the State Archeological Survey Standards for Texas. This includes, subsurface shovel testing of pedestrian survey transects and mechanical testing in appropriate alluvial areas. For details, see scope of work submitted with permit application.**




**ARCHEOLOGY PERMIT # 7275**

**This permit is granted on the following terms and conditions:**

- 1) This project must be carried out in such a manner that the maximum amount of historic, scientific, archeological, and educational information will be recovered and preserved and must include the scientific, techniques for recovery, recording, preservation and analysis commonly used in archeological investigations. All survey level investigations must follow the state survey standards and the THC survey requirements established with the projects sponsor(s).
- 2) The Principal Investigator/Investigation Firm, serving for the Owner/Permittee and/or the Project Sponsor, is responsible for insuring that specimens, samples, artifacts, materials and records that are collected as a result of this permit are appropriately cleaned, and cataloged for curation. These tasks will be accomplished at no charge to the Commission, and all specimens, artifacts, materials, samples, and original field notes, maps, drawings, and photographs resulting from the investigations remain the property of the State of Texas, or its political subdivision, and must be curated at a certified repository. Verification of curation by the repository is also required, and duplicate copies of any requested records shall be furnished to the Commission before any permit will be considered complete.
- 3) The Principal Investigator/Investigation Firm serving for the Owner/Permittee, and/or the Project Sponsor is responsible for the publication of results of the investigations in a thorough technical report containing relevant descriptions, maps, documents, drawings, and photographs. A draft copy of the report must be submitted to the Commission for review and approval. Any changes to the draft report requested by the Commission must be made or addressed in the report, or under separate written response to the Commission. Once a draft has been approved by the Commission, one (1) printed, unbound copy of the final report containing at least one map with the plotted location of any and all sites recorded and two copies of the report in tagged PDF format on an archival quality CD or DVD shall be furnished to the commission. One copy must include the plotted location of any and all sites recorded and the other should not include the site location data. A paper copy and an electronic copy of the completed Abstracts in Texas Contract Archeology Summary Form must also be submitted with the final report to the Commission. (Printed copies of forms are available from the Commission or also online at [www.thc.state.tx.us](http://www.thc.state.tx.us).)
- 4) If the Owner/Permittee, Project Sponsor or Principal Investigator/Investigation Firm fails to comply with any of the Commission's Rules of Practice and Procedure or with any of the specific terms of this permit, or fails to properly conduct or complete this project within the allotted time, the permit will fall into default status. A notification of Default status shall be sent to the Principal Investigator/Investigation Firm, and the Principal Investigator will not be eligible to be issued any new permits until such time that the conditions of this permit are complete or, if applicable, extended.
- 5) The Owner/Permittee, Project Sponsor, and Principal Investigator/Investigation Firm, in the conduct of the activities hereby authorizes, must comply with all laws, ordinances and regulations of the State of Texas and of its political subdivisions including, but not limited to, the Antiquities Code of Texas; they must conduct the investigation in such a manner as to afford protection to the rights of any and all lessees or easement holders or other persons having an interest in the property and they must return the property to its original condition insofar as possible, to leave it in a state which will not create hazard to life nor contribute to the deterioration of the site or adjacent lands by natural forces.
- 6) Any duly authorized and empowered representative of the Commission may, at any time, visit the site to inspect the fieldwork as well as the field records, materials, and specimens being recovered.
- 7) For reasons of site security associated with historical resources, the Project Sponsor (if not the Owner/Permittee), Principal Investigator, Owner, and Investigation Firm shall not issue any press releases, or divulge to the news media, either directly or indirectly, information regarding the specific location of, or other information that might endanger those resources, or their associated artifacts without first consulting with the Commission, and the State agency or political subdivision of the State that owns or controls the land where the resource has been discovered.
- 8) This permit may not be assigned by the Principal Investigator/Investigation Firm, Owner/Permittee, or Project Sponsor in whole, or in part to any other individual, organization, or corporation not specifically mentioned in this permit without the written consent of the Commission.
- 9) Hold Harmless: The Owner/Permittee hereby expressly releases the State and agrees that Owner/Permittee will hold harmless, indemnify, and defend (including reasonable attorney's fees and cost of litigation) the State, its officers, agents, and employees in their official and/or individual capacities from every liability, loss, or claim for damages to persons or property, direct or indirect of whatsoever nature arising out of, or in any way connected with, any of the activities covered under this permit. The provisions of this paragraph are solely for the benefit of the State and the Texas Historical Commission and are not intended to create or grant any rights, contractual or otherwise, to any other person or entity.
- 10) Addendum: The Owner/Permittee, Project Sponsor and Principal Investigator/Investigation Firm must abide by any addenda hereto attached.

Upon a finding that it is in the best interest of the State, this permit is issued on 05/12/2015.

  
Pat Mercado-Allinger, for the  
Texas Historical Commission